

AMENDMENTS TO THE DRAWINGS

The attached replacement sheets of drawings include the following changes to the figures:

In Figures 19-33, please add the legend —PRIOR ART— as shown.

REMARKS

The Office Action in the above-identified application has been carefully considered and this amendment has been presented to place this application in condition for allowance.

Accordingly, reexamination and reconsideration of this application are respectfully requested.

Claims 1-7 and 9-14 are in the present application. It is submitted that these claims, are patentably distinct over the prior art cited by the Examiner, and that these claims are in full compliance with the requirements of 35 U.S.C. § 112. Changes to the claims, as presented herein, are not made for the purpose of patentability within the meaning of 35 U.S.C. sections 101, 102, 103 or 112. Rather, these changes are made simply for clarification and to round out the scope of protection to which Applicants are entitled. Claim 8 is canceled.

The drawings were objected to because Figures 19-33 were not labeled as being prior art. In response, replacement sheets have been submitted labeling Figures 19-33 as PRIOR ART. Accordingly, Applicants believe this objection has been overcome.

The Specification was objected to because Abstract was not limited to a single paragraph and the title was not descriptive. In response, a new title and Abstract are presented. Accordingly, Applicants believe this objection has been overcome.

Claims 1-14 were rejected under 35 U.S.C. § 112, second paragraph, as being indefinite. Claims 1, 4, 6, 7, 10, and 13 have been amended in accordance with each of the Examiner's

comments. Claim 8 has been canceled. Accordingly, Applicants believe this objection has been overcome.

Claims 1, 8, and 14 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Bestler et al. (U.S. Patent 5,602,920) in view of Kanzaki (U.S. Patent 5,983,018). However, the present claims recite: “a command memory for storing micro-codes provided for processing each multiplexing format including at least a digital video broadcasting (DVB) format, a digital satellite system (DSS) format, and a digital versatile disc (DVD) format.” (Claim 1) These micro-codes provide the processing instructions that allow the demultiplexer to recognize and process a number of digital video formats, including at least the DVB, DSS, and DVD formats. The payload in each of these packet formats may include MPEG encoded video and audio data. Whereas, Bestler discloses a demultiplexer for separating the video from the audio in MPEG encoded data transported in DVB formatted packets. Bestler does not disclose demultiplexing or separating DVB formatted packets from other digital video formats as required in the present invention. Further, Bestler’s demultiplexer is directed to separating video from audio, which is a downstream process that occurs after the different format packet separation discussed in the present invention. Hence, Bestler’s demultiplexer performs a different operation on a different level of data than in the present invention. Kanzaki does disclose a debug interrupt handling program which may be considered analogous to micro-code. However, Kanzaki does not discuss processing digital video data, much less the use of micro-codes to process multiple digital video packet formats as required in the present invention. Accordingly, the combination of Bestler and Kanzaki fails to meet the present invention’s “micro-codes provided for processing each multiplexing format including at least a digital video broadcasting (DVB) format, a digital

satellite system (DSS) format, and a digital versatile disc (DVD) format” and the rejected claims should now be allowed.

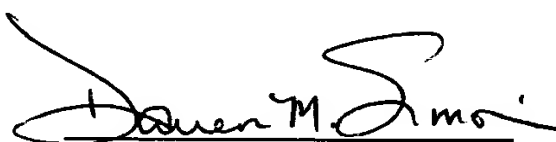
Claims 2 and 3 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Bestler in view of Kanzaki and Goody (U.S. Patent 6,097,721). Claim 4 was rejected under 35 U.S.C. § 103(a) as being unpatentable over Bestler in view of Kanzaki and Anderson (U.S. Patent 5,761,453). Claim 5 was rejected under 35 U.S.C. § 103(a) as being unpatentable over Bestler in view of Kanzaki and Bartkoviak (U.S. Patent 5,282,153). Claim 6 was rejected under 35 U.S.C. § 103(a) as being unpatentable over Bestler in view of Kanzaki and Nakamura (U.S. Patent 6,393,082). Claim 7 was rejected under 35 U.S.C. § 103(a) as being unpatentable over Bestler in view of Kanzaki and Harriman (U.S. Patent 5,898,687). Claims 9 and 10 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Bestler in view of Kanzaki and Kalkunte (U.S. Patent 6,115,356). Claim 11 was rejected under 35 U.S.C. § 103(a) as being unpatentable over Bestler in view of Kanzaki and Kovacevic (U.S. Patent 6,778,533). Claims 12 and 13 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Bestler in view of Kanzaki and further in view of well established teachings in the art. Goody, Anderson, Bartkoviak, Nakamura, Harriman, Kalkunte, and Kovacevic are relied on solely to meet limitations found in the dependent claims. However, like Bestler and Kanzaki, these references fails to meet the limitations of independent claim 1, as discussed above. Accordingly, the combination of Bestler and Kanzaki with Goody, Anderson, Bartkoviak, Nakamura, Harriman, Kalkunte, and Kovacevic fails to obviate the present invention and the rejected claims should be allowed.

In view of the foregoing amendment and remarks, it is respectfully submitted that the application as now presented is in condition for allowance. Early and favorable reconsideration of the application are respectfully requested.

No additional fees are deemed to be required for the filing of this amendment, but if such are required, the Examiner is hereby authorized to charge any insufficient fees or credit any overpayment associated with the above-identified application to Deposit Account No. 50-0320.

If any issues remain, or if the Examiner has any further suggestions, he/she is invited to call the undersigned at the telephone number provided below. The Examiner's consideration of this matter is gratefully acknowledged.

Respectfully submitted,
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